ファミリーベーシック™専用
DATA RECORDER
データレコーダ

■取扱説明書■

任天堂株式会社

Thank you very much for purchasing the Nintendo Data Recorder.

Before use, please read this instruction manual carefully to ensure proper use, including how to use the product and precautions for use.
Please keep this instruction manual together with the warranty card in a safe place.

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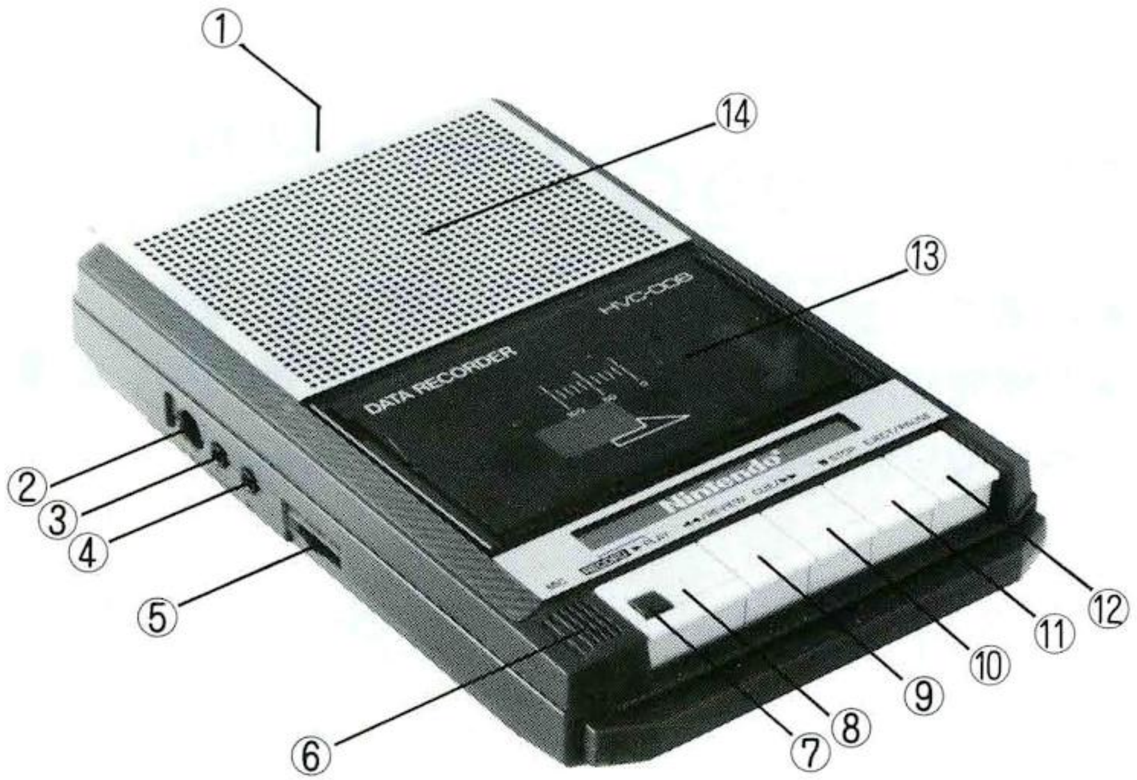
1.Name of each part



① battery compartment

Insert four AA batteries (UM-3).

② DC power terminal

Connect the AC adapter.

③ LOAD (EAR) terminal

When loading, plug in the included black connection cord.

④ SAVE (MIC) terminal

When saving, plug in the included red connection cord.

⑤ Volume volume

Output signal level and monitor volume are adjusted when LOAD is on.

Yes, you can.

When used in combination with the Family Basic Keyboard, the signal level is adjusted to be optimal near the maximum volume.

6 Built-in microphone

Used to record program names and other audio information onto a tape.

⑦ RECORD button

Press the PLAY button at the same time as SAVE.

⑧ ▶ PLAY button

Press this button when loading, and press it together with the RECORD button when saving.

⑨/REVIEW (rewind) button

Press this button to rewind the tape. Press this button while holding down the PLAY button to review the tape.

10 CUE/(fast forward) button

Press this button to fast forward the tape. Press this button while holding down the PLAY button to cue.

① ■STOP button

Press to stop the tape.

12 EJECT/PAUSE button

Press this to temporarily stop the tape. Press it again to return to normal. Press this when the tape is stopped by pressing the STOP button to open the cassette lid.

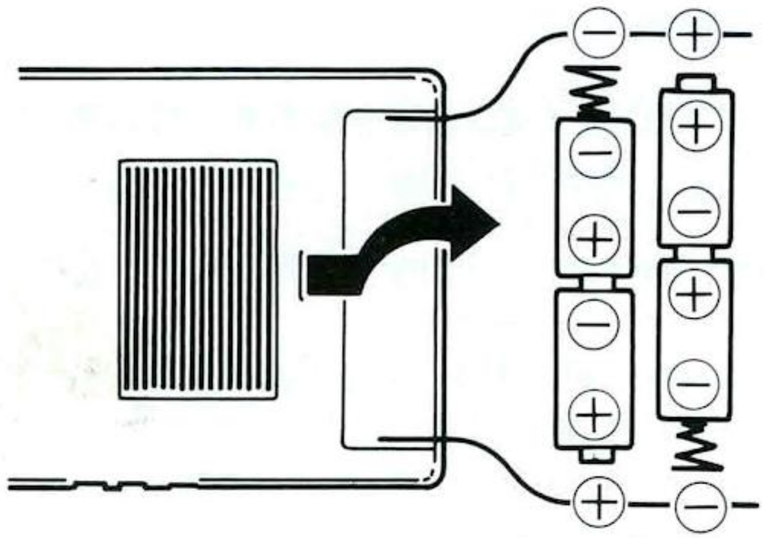
13 Cassette lid

Insert the cassette tape.

14 speakers

2. About power supply

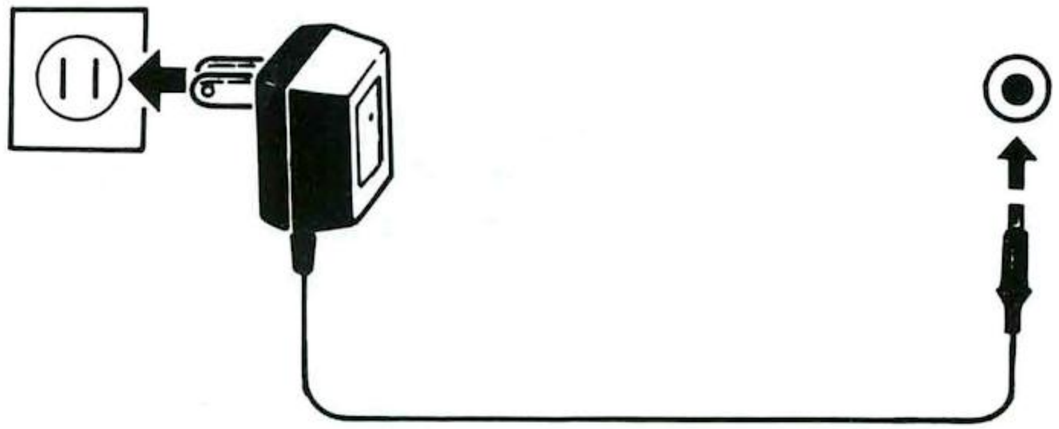
• How to use with batteries



- Insert four AA batteries (UM-3) as shown in the illustration.
- Be careful not to mistake the batteries.
- If you will not be using the product for a long period of time, remove the batteries to prevent leakage.

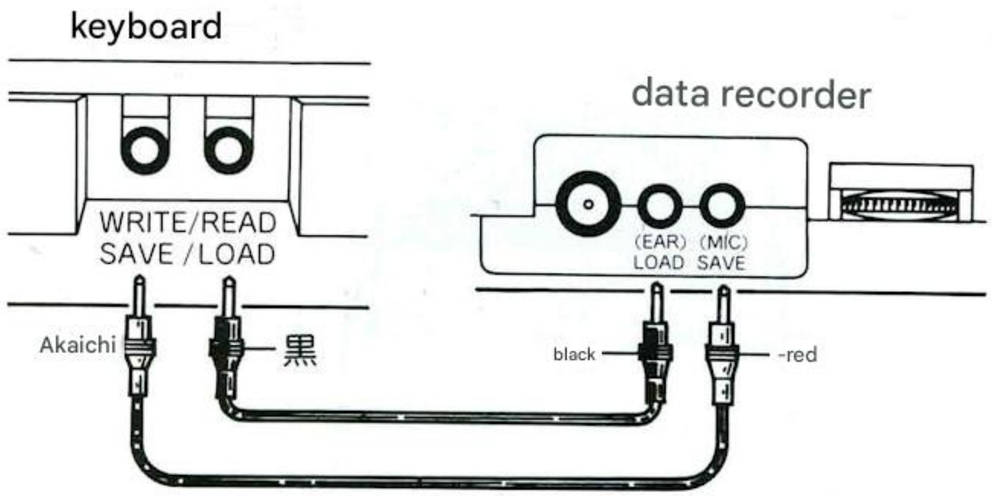
How to use with AC adapter

DC IN 6 V (⊕-◉-⊖)



- Be sure to use an AC adapter equivalent to the National RD-9436 (6 V 400 mA). In particular, never use an AC adapter for the Family Computer (10 V 850 mA).
- The battery will automatically shut off when you use the AC adapter.

3. Connecting to the Family Basic Keyboard

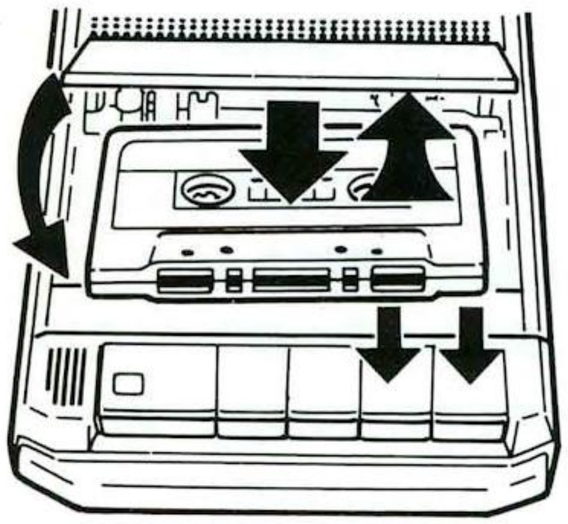


Connect the keyboard's connection terminal to the data recorder's connection terminal using the included connection cable.

keyboard-terminal	connection plug color	data recorder terminal
SAVE (WRITE)	red	SAVE (MIC)
LOAD (READ)	black	LOAD (EAR)

4. Inserting and removing cassette tapes

How to insert a cassette tape



① Press the STOP button.

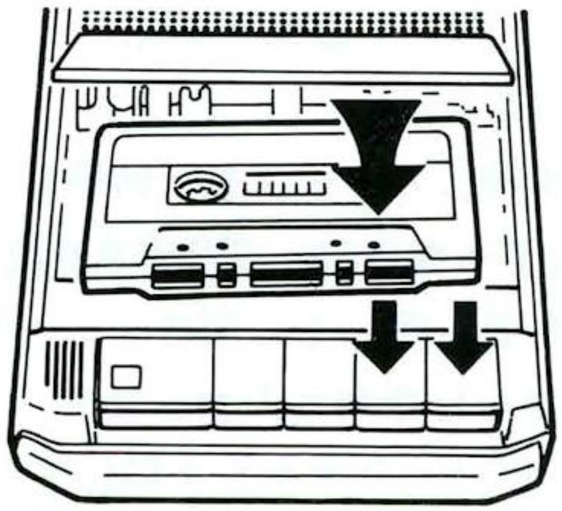
②Press the EJECT/PAUSE button.

③ When the cassette cover opens, insert the cassette in the direction shown in the diagram.

④ Fully insert the cassette into the main unit.

⑤ Close the cassette lid.

How to put out a cassette tape



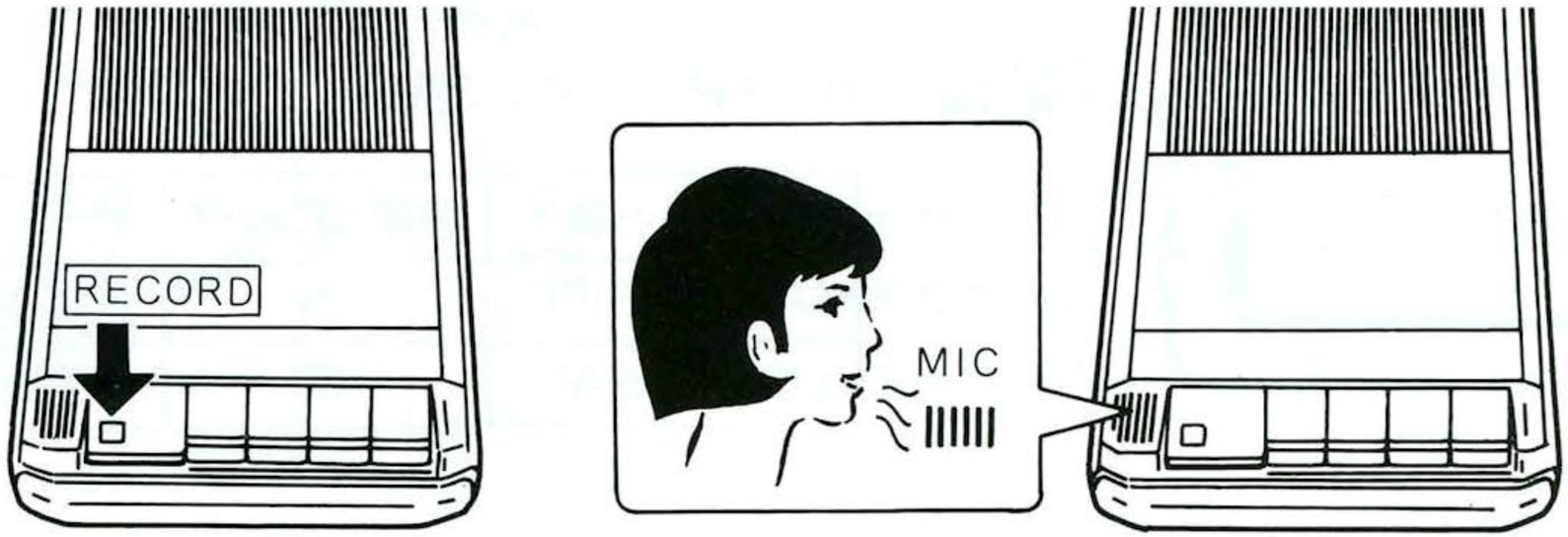
①Press the STOP button.

2. Press the EJECT/PAUSE button.

③ Remove the cassette.

5. How to save

For detailed instructions on how to save, please refer to the Family Basic instruction manual.



①Press /REVIEW to rewind the tape.

② Unplug the red connection cable from the SAVE (MIC) terminal on the data recorder.

③ Press the RECORD button to start recording, and use the built-in microphone to record the program name, cue timing, etc.

④ Press the PAUSE button to pause the tape.

⑤ Connect the red end of the connection cable to the SAVE (MIC) terminal on the data recorder.

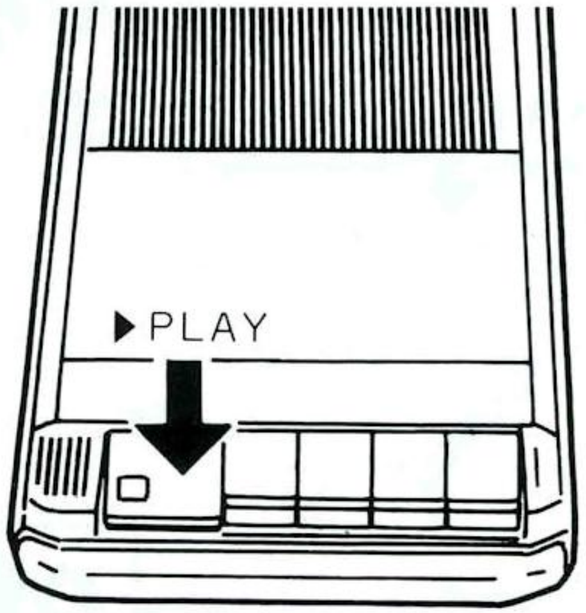
⑥ Press the PAUSE button again to release the pause and start the tape.

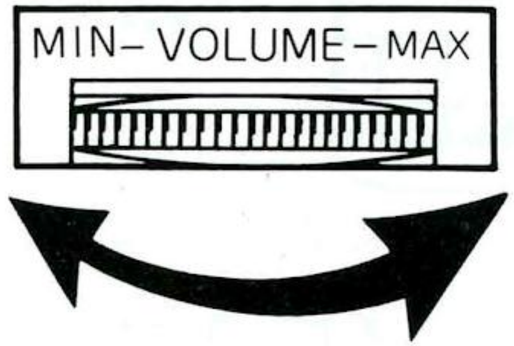
⑦ Enter the SAVE command from the keyboard.

⑧ When the save is complete, press the STOP button to stop the tape.

6.LOAD method

For detailed instructions on how to load, please refer to the Family Basic instruction manual.





①Press the ◄◄/REVIEW button to rewind the tape.

▶ 2 Press the PLAY button.

③ Adjust the volume to the appropriate volume. However, you cannot load the song at the minimum volume.

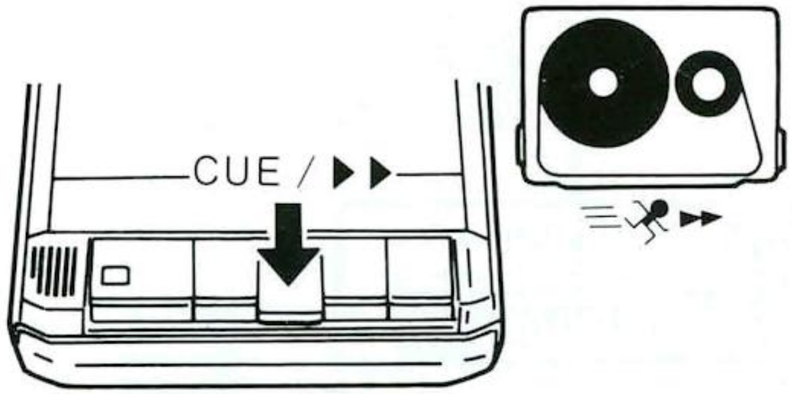
④ While listening to the sound from the speaker, locate the beginning of the data section.

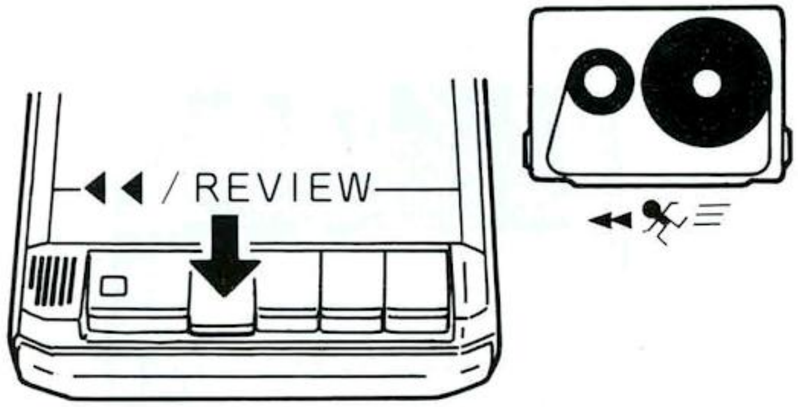
⑤ Enter the LOAD command from the keyboard.

⑥ When the loading is complete, press the STOP button to stop the tape.

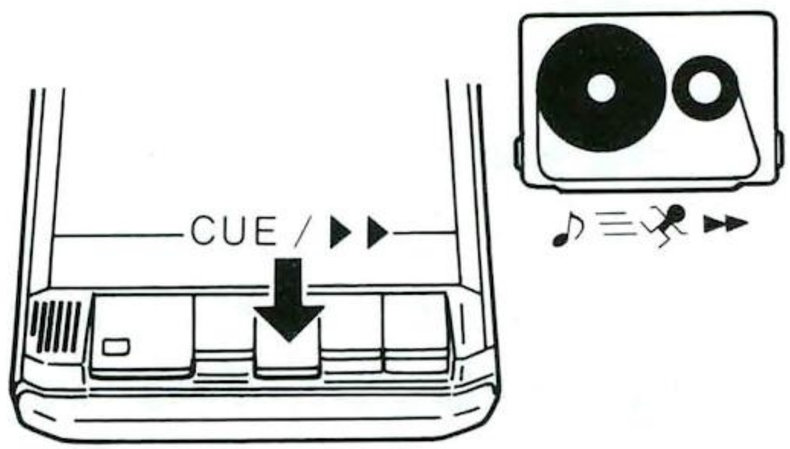
7. Fast forward and rewind

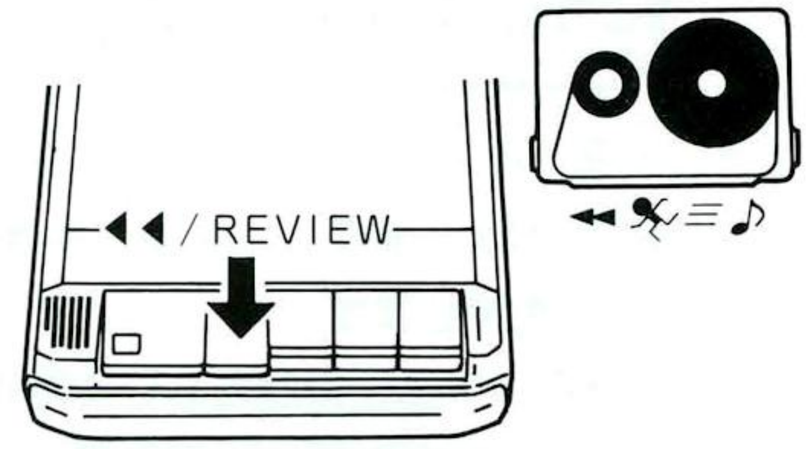
- When switching from fast forward to rewind, or from rewind to fast forward, please press the STOP button.





3. Queue, Review





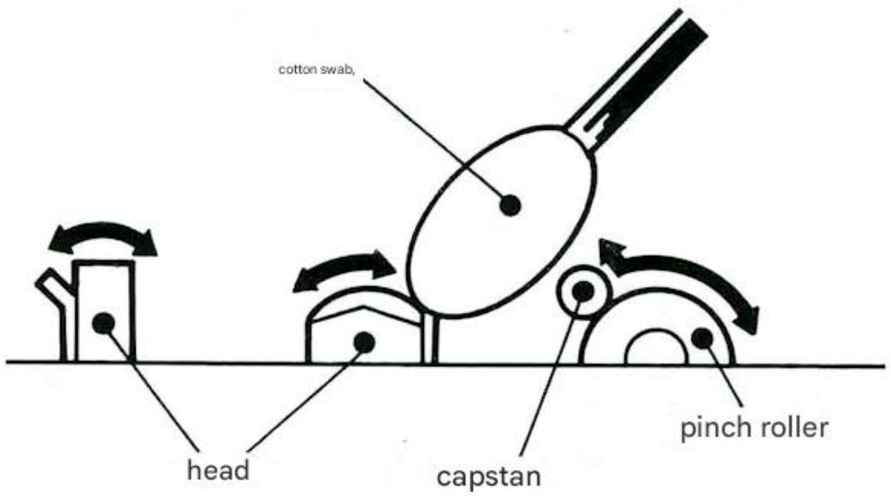
- During PLAY, if you press the CUE / button (or ◀◀/REVIEW button) halfway, the tape will fast forward (or rewind) while you are holding down the button, and sound will be heard from the speaker. Pressing the button all the way down will stop the sound. Use this to cue to the beginning of a program.

9. Using it as a tape recorder

- This data recorder can also be used as a tape recorder.
- To play, press the PLAY button; to record, press the RECORD button.
- When using as a tape recorder, please disconnect the connection cable.

10. Care instructions

head cleaning



Dirt or dust on the head, capstan, or pinch roller can cause a SAVE/LOAD error.

Moisten a cotton swab with a small amount of head cleaner liquid and carefully wipe the area that comes into contact with the tape.

cabinet cleaning

When cleaning the plastic cabinet, use a soft cloth dampened with water or a mild detergent. Never use benzene or thinner.

11.Caution

- This data recorder is equipped with a playback monitor function, so you can hear the playback sound from the speaker when loading. The monitor volume can be changed by adjusting the volume, but the keyboard and data recorder are designed so that loading is best performed when the volume is set to maximum. Turning the volume down may result in a load error.
- When the tape reaches the end in the LOAD (playback) or SAVE (recording) mode, the tape will automatically stop running, the PLAY button or RECORD button will return to its original position, and the power will be turned off (AUTO STOP function). However, never leave the unit in fast forward or rewind mode (AUTO STOP function will not work).
- Any recordings you make on a tape recorder may not be used without the permission of the copyright holder, except for personal enjoyment.

12.Specifications

Model number HVC-008

electric Power source: DC6V, 4 AA batteries (UM-3)
and AC adapter use

Recording method: 2-track mono

Circuit method Recording: DC bias
Erasing: DC erasing

terminal SAVE terminal: Compliant with Family Basic standard
LOAD terminal: Compliant with family basic standards

DC power terminal: ⊕ —◉— ⊖ 6 V

Tape speed 4.8cm/sec

Wow and flutter 0.35% (max)

External dimensions: (W) 137mm x (D) 220mm x (H) 41mm

Weight 660g

Warranty policy

1. If a malfunction occurs within the warranty period stated on the front of the product, repairs will be free of charge.
2. Repairs will be charged in the following cases even during the warranty period.
   ①Failures caused by improper use or improper repair or modification.
   ②Failures caused by fire, natural disasters, etc., and failures caused by transportation after purchase.
   3) Malfunctions occurring in this product due to other connected devices.
   ④ If this warranty card is lost, or if the date of purchase, store of purchase, and official seal are not included.
   ⑤If this warranty card is not presented to our company.
3. This warranty is valid only when used domestically.

This warranty shall be valid only within Japan.

Head Office: 60 Kamitakamatsucho, Fukuina, Higashiyama-ku, Kyoto 605
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Any recordings you make on a tape recorder may not be used for any purpose other than personal enjoyment without the permission of the copyright holder.

Manufacturer: Matsushita Electric Industrial Co., Ltd. General Audio Division

Distributor: Nintendo Co., Ltd.

*If you have any questions, please contact Nintendo Co., Ltd.

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